

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DKT. NO. 5659-21500  INVENTORS: Vinegar et al.  FILING DATE: October 24, 2003	SERIAL NO. 10/693,818  ART UNIT: 3672 <sup>6</sup>
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**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

GS	T02	Burnham, Alan, K. "Oil Shale Retorting Dependence of timing and composition on temperature and heating rate", January 27, 1995, (23 pages).
	T03	Burnham et al. "A Possible Mechanism of Alkene/Alkane Production in Oil Shale Retorting, (7 pages).
	T04	Campbell, et al., "Kinetics of oil generation from Colorado Oil Shale" IPC Business Press, Fuel, 1978, (3 pages).
	T05	Cummins et al. "Thermal Degradation of Green River Kerogen at 150° to 350 °C", Report of Investigations 7620, U.S. Government Printing Office, 1972, (pages 1-15).
	T06	Cook, et al. "The Composition of Green River Shale Oils", United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-23).
	T07	Hill et al., "The Characteristics of a Low Temperature in situ Shale Oil" American Institute of Mining, Metallurgical & Petroleum Engineers, 1967 (pages 75-90)..
	T08	Dinneen, et al. "Developments in Technology for Green River Oil Shale" United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-20).
	T09	De Rouffignac, E. "In Situ Resistive Heating of Oil Shale for Oil Production-A Summary of the Swedish Data, (4 pages).
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	T11	Hill et al. "Direct Production of Low Pour Point High Gravity Shale Oil" I&EC Product Research and Development, 1967, Volume 6, (pages 52-59).
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	T14	Salomonsson G., SSAB report, "The Lungstrom In Situ-Method for Shale Oil Recovery, 1950 (28 pages)
	T15	"Swedish shale oil-Production method in Sweden," Organisation for European Economic Co-operation, 1952, (70 pages).
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	T17	SSAB report, "Kvarn Torp" 1951 (35 pages).
	T18	SSAB report, "Summary study of the shale oil works at Narkes Kvarntorp" (15 pages).
GS	T19	Vogel et al. "An Analog Computer for Studying Heat Transfrer during a Thermal Recovery Process," AIME Petroleum Transactions, 1955 (pages 205-212).
*	T20	<del>"SKIFFEROLJA GENOM UPPVARMNING AV SKIFFERBERGET." Faxin Department och Namder, 1941, (3 pages)</del>
*	T21	<del>"Aggregeringens orsaker och ransoneringen grunder", Av director E.F.Cederlund I Statens livsmedelskommission (1page).</del>
*	T22	<del>Ronaby, E. "KVARNTORP-Sveriges Största skifferoljeindustri," 1943, (9 pages)</del>
GS	T23	SAAB report, "The Swedish Shale Oil Industry," 1948 (8 pages).
	T24	Gejrot et al., "The Shale Oil Industry in Sweden," Carlo Colombo Publishers-Rome, Proceedings of the Fourth World Petroleum Congress, 1955 (8 pages).
	T25	Hedback, T. J., The Swedish Shale as Raw Material for Production of Power, Oil and Gas," XIth Sectional Meeting World Power Conference, 1957 (9 pages)
	T26	SAAB, "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand", 1955 Vol. 1, (141 pages) English
GS	T27	SAAB, "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand-Figures", 1955 Vol. 2, (146 pages) English.

EXAMINER:

*George Suchfield*

DATE CONSIDERED:

*8/29/05*

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69	T28	"Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand-Memorandum re: tests", 1955 Vol. 3, (256 pages) English.
	T29	Helander, R.E., "Santa Cruz, California, Field Test of Carbon Steel Burner Casings for the Lins Method of Oil Recovery", 1959 (38 pages) English.
	T30	Helander et al., Santa Cruz, California, Field Test of Fluidized Bed Burners for the Lins Method of Oil Recovery" 1959, (86 pages) English.
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	T32	"Lins Burner Test Results-English" 1959-1960
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	T43	SSAB report, "Ojematinigar vid Norrtorp," 1945 (141 pages).
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	T45	SSAB report, "Secondary Recovery after LINS," 1945 (78 pages)
	T46	SSAB report, "Maps and Diagrams, Geology," 1947 (137 pages). Swedish.
	T47	SSAB report, "Styrehseprotokoll," 1943 (10 pages). Swedish.
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	T51	SSAB report, "Tar Sands", Vol.135 1953 (20 pages, pages 12-15 translated). Swedish.
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\* not in compliance with MPEP section 609

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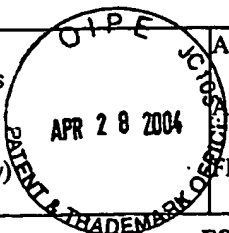
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CONFIRMATION NO: 1103

ART UNIT: 3672/6

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
G7	A204	121,737	03/1948	Sweden			
	A205	123,136	11/1948	Sweden			
	A206	123,137	11/1948	Sweden			
	A207	123,138	11/1948	Sweden			
	A208	126,674	11/1949	Sweden			
	A209	1,196,594	11/1985	CA			
	A210	1,253,555	05/1989	CA			
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	A212	156,396	01/1921	GB			
	A213	674,082	06/1952	GB			
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	A215	1,454,324	11/1976	GB			
	A216	1,501,310	02/1978	GB			
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	A220	99/01640	01/1999	WO			
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	A223	95/33122	12/1995	WO			
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	C101	01/81723 A1	11/2001	WO			
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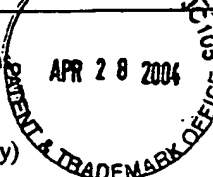
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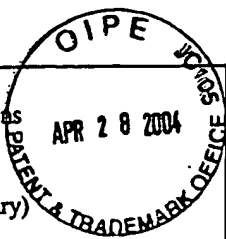
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69	D7	1,168,283	5/1994	CA	
69	J19	97/01017	Jan-1997	WO	
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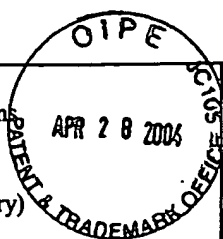
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	A268	The Historical Development of Underground Coal Gasification, D. Olness & D.W. Gregg, June 30, 1977 (60 pages).
	A269	Laboratory Measurements of Groundwater Leaching and Transport of Pollutants Produced During Underground Coal Gasification, V.A. Dalton & J.H. Campbell, March 1, 1978 (21 pages).
	A270	The Hoe Creek II Field Experiment of Underground Coal Gasification, Preliminary Results, Aiman et al., February 27, 1978 (26 pages).
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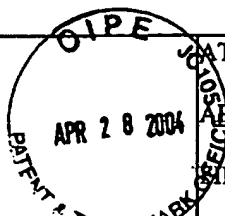
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	A279	Results from the Third LLL Underground Coal Gasification Experiment at Hoe Creek, Hill et al., May 20, 1980 (12 pages).
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	A281	Steam Tracer Experiment at the Hoe Creek No. 3 Underground Coal Gasification Field Test, C.B. Thorsness, November 26, 1980 (51 pages).
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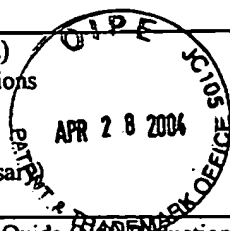
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	A320	Catalytic Activity of Oxidized (Combusted) Oil Shale for Removal of Nitrogen Oxides with Ammonia as a Reductant in Combustion Gas Streams, Part II, Reynolds et al., January 4, 1993 (9 pages).
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	A322	Retorting Kinetics for Oil Shale From Fluidized-Bed Pyrolysis, Richardson et al., December 1981 (30 pages).
	A323	Recent Experimental Developments in Retorting Oil Shale at the Lawrence Livermore Laboratory, Albert J. Rothman, August 1978 (32 pages).
	A324	The Lawrence Livermore Laboratory Oil Shale Retorts, Sandholtz et al. September 18, 1978 (30 pages).
	A325	Operating Laboratory Oil Shale Retorts In An In-Situ Mode, W. A. Sandholtz et al., August 18, 1977 (16 pages).
	A326	Some Relationships of Thermal Effects to Rubble-Bed Structure and Gas-Flow Patterns in Oil Shale Retorts, W. A. Sandholtz, March 1980 (19 pages).
	A327	Assay Products from Green River Oil Shale, Singleton et al., February 18, 1986 (213 pages).
	A328	Biomarkers in Oil Shale: Occurrence and Applications, Singleton et al., October 1982 (28 pages).
	A329	Occurrence of Biomarkers in Green River Shale Oil, Singleton et al., March 1983 (29 pages).
	A330	An Instrumentation Proposal for Retorts in the Demonstration Phase of Oil Shale Development, Clyde J. Sisemore, April 19, 1977, (34 pages).
	A331	A Laboratory Apparatus for Controlled Time/Temperature Retorting of Oil Shale, Stout et al., November 1, 1976 (19 pages).
69	A332	SO <sub>2</sub> Emissions from the Oxidation of Retorted Oil Shale, Taylor et al., November 1981 (9 pages).

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Form PTO-1449 (modified)  
List of Patents and Publications  
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ATTY. DKT. NO. 5659-21500

SERIAL NO. 10/693,818

APPLICANT: Vinegar et al.

CONFIRMATION NO: 1103

FILING DATE: 10/24/2003

ART UNIT: 36726

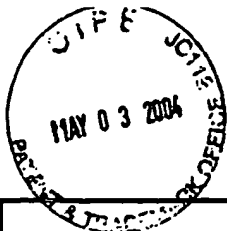
69	A333	Nitric Oxide (NO) Reduction by Retorted Oil Shale, R.W. Taylor & C.J. Morris, October 1983 (16 pages).
	A334	Coproduction of Oil and Electric Power from Colorado Oil Shale, P. Henrik Wallman, September 24, 1991 (20 pages).
	A335	<sup>13</sup> C NMR Studies of Shale Oil, Raymond L. Ward & Alan K. Burnham, August 1982 (22 pages).
	A336	Identification by <sup>13</sup> C NMR of Carbon Types in Shale Oil and their Relationship to Pyrolysis Conditions, Raymond L. Ward & Alan K. Burnham, September 1983 (27 pages).
	A337	A Laboratory Study of Green River Oil Shale Retorting Under Pressure In a Nitrogen Atmosphere, Wise et al., September 1976 (24 pages).
	A338	Quantitative Analysis and Evolution of Sulfur-Containing Gases from Oil Shale Pyrolysis by Triple Quadrupole Mass Spectrometry, Wong et al., November 1983 (34 pages).
	A339	Quantitative Analysis & Kinetics of Trace Sulfur Gas Species from Oil Shale Pyrolysis by Triple Quadrupole Mass Spectrometry (TQMS), Wong et al., July 5-7, 1983 (34 pages).
69	A340	Application of Self-Adaptive Detector System on a Triple Quadrupole MS/MS to High Explosives and Sulfur-Containing Pyrolysis Gases from Oil Shale, Carla M. Wong & Richard W. Crawford, October 1983 (17 pages).

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CONFIRMATION NO.: 1103

FILING DATE: 10/24/2003

ART UNIT: 3672<sup>6</sup>

**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
69	P1	48994	7/25/1865	Parry			
	P2	94813	9/14/1869	Dickey			
	P3	326439	9/15/1885	McEachen			
	P4	760304	1904/05/17	Butler			
	P5	1269747	1918/06/18	Rogers			
	P6	1342741	1920/06/08	Day			
	P7	1457479	1923/06/05	Wolcott			
	P8	1510655	1924/10/07	Clark			
	P9	1634236	1927/06/28	Ranney			
	P10	1666488	1928/04/17	Crawshaw			
	P11	1681523	1928/08/21	Downey et. al.			
	P12	1913395	1933/06/13	Karrick			
	P13	2244256	1941/06/03	Looman			
	P14	2423674	1947/07/08	Agren			
	P15	2444755	1948/07/06	Steffen			
	P16	2466945	1949/04/12	Greene			
	P17	2472445	1949/06/07	Sprong			
	P18	2484063	1949/10/11	Ackley			
	P19	2497868	1950/02/01	Dalin			
	P20	2548360	1951/04/10	Germain			
	P21	2593477	1952/04/22	Newman et al.			
	P22	2595979	1952/05/06	Pevere et al.			
	P23	2623596	1952/12/30	Whorton et al.			
69	P24	2630307	1953/03/03	Martin			

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Information Disclosure Statement--PTO 1449 (modified)

<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DOCKET NO: 5659-21500	SERIAL NO: 10/693,818
	APPLICANT: Vinegar et al.	CONFIRMATION NO.: 1103
	FILING DATE: 10/24/2003	ART UNIT: 3672 <sup>16</sup>

### U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
69	P25	2630306	1953/03/03	Evans			
	P26	2634961	1953/04/14	Ljungstrom			
	P27	2642943	1953/06/23	Smith et al.			
	P28	2670802	1954/03/02	Ackley			
	P29	2685930	1954/08/12	Albaugh			
	P30	2695163	1954/11/23	Pearce et al.			
	P31	2703621	1955/03/08	Ford			
	P32	2714930	1955/08/09	Carpenter			
	P33	2732195	1956/01/24	Ljungstrom			
	P34	2734579	1956/02/14	Elkins			
	P35	2771954	1956/11/27	Jenks et al.			
	P36	2777679	1957/01/15	Ljungstrom			
	P37	2780449	1957/02/05	Fisher et al.			
	P38	2780450	1957/02/05	Ljungstrom			
	P39	2786660	1957/03/26	Alleman			
	P40	2789805	1957/04/23	Ljungstrom			
	P41	2793696	1957/05/28	Morse			
	P42	2804149	1957/08/27	Kile			
	P43	2841375	1958/07/01	Salomonsson			
	P44	2890754	1959/06/16	Hoffstrom et al.			
	P45	2890755	1959/06/16	Eurenius et al.			
	P46	2902270	1959/09/01	Salomonsson et al.			
	P47	2906337	1959/09/29	Henning			
	P48	2906340	1959/09/29	Herzog			
69	P49	2914309	1959/11/24	Salomonsson			

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	FILING DATE: 10/24/2003	ART UNIT: 3672

### U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
69	P50	2923535	1960/02/11	Ljungstrom			
	P51	2932352	1960/04/12	Stegemeier			
	P52	2939689	1960/06/07	Ljungstrom			
	P53	2954826	1960/10/04	Sievers			
	P54	2958519	1960/11/01	Hurley			
	P55	2974937	1961/03/14	Kiel			
	P56	2994376	1961/08/01	Crawford et al.			
	P57	2998457	1961/08/29	Paulsen			
	P58	3004603	1961/10/17	Rogers et al.			
	P59	3007521	1961/11/07	Trantham et al.			
	P60	3010513	1961/11/28	Gerner			
	P61	3010516	1961/11/28	Schleicher			
	P62	3036632	1962/05/29	Koch et al.			
	P63	3044545	1962/07/17	Tooke			
	P64	3061009	1962/10/30	Shirley			
	P65	3062282	1962/11/06	Schleicher			
	P66	3084919	1963/04/09	Slater			
	P67	3095031	1963/06/25	Eurenius et al.			
	P68	3105545	1963/10/01	Prats et al.			
	P69	3106244	1963/10/08	Parker			
	P70	3110345	1963/11/12	Reed et al.			
	P71	3113623	1963/12/10	Krueger			
	P72	3113619	1963/12/10	Reichle			
	P73	3114417	1963/12/17	McCarthy			
69	P74	3116792	1964/01/07	Purre			

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<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
GS	P75	3120264	1964/02/04	Barron			
	P76	3127935	1964/04/07	Poettmann et al.			
	P77	3127936	1964/04/07	Eurenus			
	P78	3131763	1964/05/05	Kunetka et al.			
	P79	3132692	1964/05/12	Marx et al.			
	P80	3139928	1964/07/07	Broussard			
	P81	3142336	1964/07/28	Doscher			
	P82	3149670	1964/09/22	Grant			
	P83	3149672	1964/10/22	Orkiszewski et al.			
	P84	3163745	1964/12/29	Boston			
	P85	3164207	1965/01/05	Thessen et al.			
	P86	3181613	1965/05/04	Krueger			
	P87	3182721	1965/05/11	Hardy			
	P88	3183675	1965/05/18	Schroeder			
	P89	3191679	1965/06/29	Miller			
	P90	3205946	1965/09/14	Prats et al.			
	P91	3205944	1965/09/14	Walton			
	P92	3207220	1965/09/21	Williams			
	P93	3208531	1965/09/28	Tamplen			
	P94	3209825	1965/10/05	Alexander et al.			
	P95	3233668	1966/02/08	Hamilton et al.			
	P96	3237689	1966/03/01	Justheim			
	P97	3241611	1966/03/22	Dougan			
	P98	3250327	1966/05/10	Crider			
GS	P99	3267680	1966/08/23	Schlumberger			

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G9	P100	3273640	1966/09/20	Huntington			
	P101	3275076	1966/09/27	Sharp			
	P102	3284281	1966/11/08	Thomas			
	P103	3294167	1966/12/27	Vogel			
	P104	3310109	1967/03/21	J. W. Marx et al.			
	P105	3316962	1967/05/02	Lange			
	P106	3338306	1967/08/29	Cook			
	P107	3352355	1967/11/14	Putman			
	P108	3379248	1968/04/23	Strange			
	P109	3380913	1968/04/30	Henderson			
	P110	3528501	1970/09/15	Parker			
	P111	3547193	1970/12/15	Gill			
	P112	3562401	1971/02/09	Long			
	P113	3595082	1971/07/27	Miller et al.			
	P114	3599714	1971/08/17	Messman et al.			
	P115	3605890	1971/09/20	Holm			
	P116	3617471	1971/11/02	Schlenger et al.			
	P117	3661423	1972/05/09	Garrett			
	P118	3675715	1972/07/11	Speller, Jr.			
	P119	3680633	1972/08/01	Bennett			
	P120	3766982	1973/10/23	Justheim			
	P121	3770398	1973/11/06	Abraham et al.			
	P122	3775185	1973/11/27	Kunz et al.			
	P123	3794116	1974/02/26	Higgins			
G9	P124	3809159	1974/05/07	Young et al.			

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GJ	P125	3882941	1975/05/13	Pelofsky			
	P126	3992148	1975/11/25	Child			
	P127	3922148	1975/11/25	Child			
	P128	3924680	1975/12/09	Terry			
	P129	3948319	1976/04/06	Pritchett			
	P130	3954140	1976/05/04	Hendrick			
	P131	3973628	1976/08/10	Colgate			
	P132	3986349	1976/10/19	Egan			
	P133	3993132	1976/11/23	Garrett			
	P134	3999607	1976/12/28	Pennington et al.			
	P135	4008762	1977/02/22	Fisher et al.			
	P136	4016239	1977/04/05	Fenton			
	P137	4019575	1977/04/26	Pisio et al.			
	P138	4026357	1977/05/31	Redford			
	P139	4043393	1977/08/23	Fisher et al.			
	P140	4049053	1977/09/20	Fisher et al.			
	P141	4057293	1977/11/08	Garrett			
	P142	4067390	1978/01/10	Camacho et al.			
	P143	4069868	1978/01/24	Terry			
	P144	4076761	1978/02/28	Chang et al.			
	P145	4084637	1978/04/18	Todd			
	P146	4087130	1978/05/02	Garrett			
	P147	4089372	1978/05/16	Terry			
	P148	4089374	1978/05/16	Terry			
GJ	P149	4091869	1978/05/30	Hoyer			

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**U.S. PATENT DOCUMENTS**

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GS	P150	4093026	1978/06/06	Ridley			
	P151	4093025	1978/06/06	Terry			
	P152	4096163	1978/06/20	Chang, et al.			
	P153	4099567	1978/07/11	Terry			
	P154	4114688	1978/09/19	Terry			
	P155	4130575	1978/12/19	Jorn et al.			
	P156	4133825	1979/01/09	Stroud et al.			
	P157	4138442	1979/02/06	Chang, et al.			
	P158	4144935	1979/03/20	Bridges et al.			
	P159	re30019	1979/06/05	Lindquist			
	P160	4183405	1980/01/15	Magnie			
	P161	4186801	1980/02/05	Madgavkar et al.			
	P162	4197911	1980/04/15	Anada			
	P163	4228854	1980/10/21	Sacuta			
	P164	4243101	1981/01/06	Grupping			
	P165	4250230	1981/02/10	Terry			
	P166	4250962	1981/02/17	Madgavkar et al.			
	P167	4252191	1981/02/24	Pusch et al.			
	P168	4273188	1981/06/16	Vogel et al.			
	P169	4274487	1981/06/23	Hollingsworth et al.			
	P170	4277416	1981/07/07	Grant			
	P171	re30738	1981/09/08	Bridges et al.			
	P172	4299086	1981/11/10	Madgavkar et al.			
	P173	4299285	1981/11/10	Tsai et al.			
GS	P174	4306621	1981/12/22	Boyd et al.			

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EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CG	P175	4324292	1982/04/13	Jacobs et al.			
f	P176	4344483	1982/08/17	Fisher et al.			
f	P177	4353418	1982/10/12	Hoekstra et al.			
f	P178	4359687	1982/11/16	Vinegar et al.			
f	P179	4363361	1982/12/14	Madgavkar et al.			
f	P180	4366668	1983/01/04	Madgavkar et al.			
f	P181	4378048	1983/03/29	Madgavkar et al.			
f	P182	4381641	1983/05/03	Madgavkar et al.			
f	P183	4384613	1983/05/24	Owen et al.			
f	P184	4396062	1983/08/02	Iskander			
f	P185	4398151	1983/08/09	Vinegar et al.			
f	P186	4397732	1983/08/09	Hoover et al.			
f	P187	4407973	1983/10/04	van Dijk et al.			
f	P188	4409090	1983/10/11	Hanson et al.			
f	P189	4412124	1983/10/25	Kobayashi			
f	P190	4423311	1983/12/27	Varney, Sr.			
f	P191	4444258	1984/04/24	Kalmar			
f	P192	4444255	1984/04/24	Geoffrey et al.			
f	P193	4448251	1984/05/15	Stine			
f	P194	4448252	1984/05/15	Stoddard et al.			
f	P195	4457365	1984/07/03	Kasevich et al.			
f	P196	4463807	1984/08/01	Stoddard et al.			
f	P197	4476927	1984/10/16	Riggs			
f	P198	4485869	1984/12/04	Sresty et al.			
CG	P199	4489782	1984/12/25	Perkins			

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<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
09	P200	4501445	1985/02/06	Gregoli			
	P201	4508170	1985/04/02	Littman			
	P202	4513816	1985/04/30	Hubert			
	P203	4524113	1985/06/18	Lesieur			
	P204	4524826	1985/06/25	Savage			
	P205	4530401	1985/07/23	Hartman et al.			
	P206	4537252	1985/08/27	Puri			
	P207	4540882	1985/09/10	Vinegar et al.			
	P208	4542648	1985/09/24	Vinegar et al.			
	P209	4549396	1985/10/29	Garwood et al.			
	P210	4570715	1986/02/18	Van Meurs et al.			
	P211	4571491	1986/02/18	Vinegar et al.			
	P212	4572299	1986/02/25	Vanegmond et al.			
	P213	4573530	1986/03/18	Audeh et al.			
	P214	4576231	1986/03/18	Dowling et al.			
	P215	4583046	1986/04/15	Vinegar et al.			
	P216	4583242	1986/04/15	Vinegar et al.			
	P217	4592423	1986/06/03	Savage et al.			
	P218	4594468	1986/06/10	Minderhoud			
	P219	4597441	1986/07/01	Ware et al.			
	P220	4605680	1986/08/12	Beuther et al.			
	P221	4608818	1986/09/02	Goebel et al.			
	P222	4613754	1986/09/23	Vinegar et al.			
	P223	4616705	1986/10/14	Stegemeier et al.			
09	P224	4626665	1986/12/02	Fort, III			

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<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
GS	P225	4635197	1987/01/06	Vinegar et al.			
I	P226	4637464	1987/01/20	Forgac et al.			
	P227	4640352	1987/02/03	Vanmeurs et al.			
	P228	4644283	1987/02/17	Vinegar et al.			
	P229	4651825	1987/03/24	Wilson			
	P230	4658215	1987/04/14	Vinegar et al.			
	P231	4663711	1987/05/05	Vinegar et al.			
	P232	4662438	1987/05/05	Taflove et al.			
	P233	4662439	1987/05/05	Puri			
	P234	4662443	1987/05/05	Puri et al.			
	P235	4671102	1987/06/09	Vinegar et al.			
	P236	4691771	1987/09/08	Ware et al.			
	P237	4694907	1987/09/22	Stahl et. al.			
	P238	4704514	1987/11/03	Van Edmond et al.			
	P239	4716960	1988/01/05	Eastlund et al.			
	P240	4719423	1988/01/12	Vinegar et al.			
	P241	4728892	1988/03/01	Vinegar et al.			
	P242	4730162	1988/03/08	Vinegar et al.			
	P243	4743854	1988/05/10	Vinegar et al.			
	P244	4762425	1988/08/09	Shakkottai et al.			
	P245	4769602	1988/09/06	Vinegar et al.			
	P246	4769606	1988/09/06	Vinegar et al.			
	P247	4772634	1988/09/20	Farooque			
	P248	4787452	1988/11/29	Jennings, Jr.			
GS	P249	4793656	1988/12/27	Siddoway et al.			

EXAMINER: George Suchfield DATE CONSIDERED: 8/29/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

<b>Form PTO-1449 (modified)</b> List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)			ATTY. DOCKET NO: 5659-21500 APPLICANT: Vinegar et al. FILING DATE: 10/24/2003		SERIAL NO: 10/693,818 CONFIRMATION NO.: 1103 ART UNIT: 3672 <i>6</i>		
<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>CS</i>	P250	4817711	1989/04/04	Jeambey			
	P251	4818370	1989/04/04	Gregoli et al.			
	P252	4827761	1989/05/09	Vinegar et al.			
	P253	4848924	1989/07/18	Nuspl et al.			
	P254	4856341	1989/08/15	Vinegar et al.			
	P255	4860544	1989/08/29	Krieg et al.			
	P256	4866983	1989/09/19	Vinegar et al.			
	P257	4884455	1989/12/05	Vinegar et al.			
	P258	4886118	1989/12/12	Van Meurs et al.			
	P259	4895206	1990/01/22	Price			
	P260	4927857	1990/05/22	McShea III et al.			
	P261	4928765	1990/05/29	Nielson			
	P262	4974425	1990/12/04	Krieg et al.			
	P263	4983319	1991/01/08	Gregoli et al.			
	P264	4984594	1991/01/15	Vinegar et al.			
	P265	4987368	1991/01/22	Vinegar			
	P266	4994093	1991/02/19	Wetzel et al.			
	P267	5008085	1991/04/16	Bain et al.			
	P268	5014788	1991/05/14	Puri et al.			
	P269	5020596	1991/06/04	Hemsath			
	P270	5046559	1991/09/10	Glandt			
	P271	5050386	1991/09/24	Krieg et al.			
	P272	5060287	1991/10/22	Van Egmond			
	P273	5060726	1991/10/29	Glandt et al.			
<i>CS</i>	P274	5064006	1991/11/12	Waters et al.			

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**Form PTO-1449** (modified)  
List of Patents and Publications  
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Disclosure Statement  
(Use several sheets if necessary)

ATTY. DOCKET NO: 5659-21500

SERIAL NO: 10/693,818

APPLICANT: Vinegar et al.

CONFIRMATION NO.: 1103

FILING DATE: 10/24/2003

ART UNIT: 3672<sup>8</sup>

**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
09	P275	5065818	1991/11/19	Van Egmond			
	P276	5082054	1992/01/21	Kiamanesh			
	P277	5082055	1992/01/21	Hemsath			
	P278	5168927	1992/12/08	Stegemeier et al.			
	P279	5182792	1993/01/26	Goncalves			
	P280	5189283	1993/02/23	Carl, Jr. et al.			
	P281	5190405	1993/03/02	Vinegar et al.			
	P282	5207273	1993/05/04	Cates et al.			
	P283	5211230	1993/05/18	Ostapovich et al.			
	P284	5217076	1993/06/08	Masek			
	P285	5226961	1993/07/13	Nahm et al.			
	P286	5229583	1993/07/20	van Egmond et al.			
	P287	5229102	1993/07/20	Minet et al.			
	P288	5236039	1993/08/17	Edelstein et al.			
	P289	5255742	1993/10/26	Mikus			
	P290	5261490	1993/11/16	Ebinuma			
	P291	5284878	1994/02/05	Studer et al.			
	P292	5285846	1994/02/15	Mohn			
	P293	5289882	1994/03/01	Moore			
	P294	5297626	1994/03/29	Vinegar et al.			
	P295	5306640	1994/04/26	Vinegar et al.			
	P296	5316664	1994/05/31	Gregoli et al.			
	P297	5318116	1994/06/07	Vinegar et al.			
	P298	5339897	1994/08/23	Leaute			
09	P299	5340467	1994/08/23	Gregoli et al.			

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Information Disclosure Statement--PTO 1449 (modified)

<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)			ATTY. DOCKET NO: 5659-21500  APPLICANT: Vinegar et al.  FILING DATE: 10/24/2003		SERIAL NO: 10/693,818  CONFIRMATION NO.: 1103  ART UNIT: 3672		
<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CS	P300	5349859	1994/09/27	Kleppe			
	P301	5366012	1994/11/22	Lohbeck			
	P302	5388640	1995/02/14	Puri et al.			
	P303	5388641	1995/02/14	Yee et al.			
	P304	5388642	1995/02/14	Puri et al.			
	P305	5388643	1995/02/14	Yee et al.			
	P306	5388645	1995/02/14	Puri et al.			
	P307	5391291	1995/02/21	Winkquist et al.			
	P308	5392854	1995/02/28	Vinegar et al.			
	P309	5402847	1995/04/04	Wilson et. al.			
	P310	5404952	1995/04/11	Vinegar et al.			
	P311	5409071	1995/04/25	Wellington et al.			
	P312	5411089	1995/05/02	Vinegar et al.			
	P313	5411104	1995/05/02	Stanley			
	P314	5415231	1995/05/16	Northrop et al.			
	P315	5431224	1995/07/11	Laali			
	P316	5433271	1995/07/18	Vinegar et al.			
	P317	5437506	1995/08/01	Gray			
	P318	5439054	1995/08/08	Chaback et al.			
	P319	5454666	1995/10/03	Chaback et al.			
	P320	5491969	1996/02/20	Cohn et. al.			
	P321	5497087	1996/03/05	Vinegar et al.			
	P322	5498960	1996/03/12	Vinegar et al.			
	P323	5525322	1996/06/11	Willms			
CS	P324	5541517	1996/07/30	Hartmann et al.			

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List of Patents and Publications  
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ATTY. DOCKET NO: 5659-21500

SERIAL NO: 10/693,818

APPLICANT: Vinegar et al.

CONFIRMATION NO.: 1103

FILING DATE: 10/24/2003

ART UNIT: 3672

**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CS	P325	5553189	1996/09/03	Stegemeier et al.			
	P326	5554453	1996/09/10	Steinfeld et al.			
	P327	5566756	1996/10/22	Chaback et al.			
	P328	5621844	1997/04/15	Bridges			
	P329	5624188	1997/04/29	West			
	P330	5632336	1997/05/27	Notz et al.			
	P331	5656239	1997/08/12	Stegemeier et al.			
	P332	5676212	1997/10/14	Kuckes			
	P333	re35696	1997/12/23	Mikus			
	P334	5713415	1998/02/03	Bridges			
	P335	5767584	1998/06/16	Gore et. al			
	P336	5861137	1999/01/19	Edlund			
	P337	5862858	1999/01/26	Wellington et al.			
	P338	5899269	1999/05/04	Wellington et al.			
	P339	5955039	1999/09/21	Dowdy			
	P340	5968349	1999/10/19	Duyvesteyn et al.			
	P341	5984010	1999/11/16	Pias et al.			
	P342	5985138	1999/11/16	Humphreys			
	P343	5997214	1999/12/07	de Rouffignac et al.			
	P344	6016867	2000/01/25	Gregoli et al.			
	P345	6016868	2000/01/25	Gregoli et al.			
	P346	6019172	2000/02/01	Wellington et al.			
	P347	6023554	2000/02/08	Vinegar et al.			
	P348	6056057	2000/05/02	Vinegar et al.			
CS	P349	6079499	2000/06/27	Mikus et al.			

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Information Disclosure Statement--PTO 1449 (modified)

<b>Form PTO-1449 (modified)</b> List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)			ATTY. DOCKET NO: 5659-21500  APPLICANT: Vinegar et al.  FILING DATE: 10/24/2003		SERIAL NO: 10/693,818  CONFIRMATION NO.: 1103  ART UNIT: 3672		
<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
G	P350	6085512	2000/07/11	Agee et al.			
	P351	6094048	2000/07/25	Vinegar et al.			
	P352	6102122	2000/08/15	de Rouffignac			
	P353	6102622	2000/08/15	Vinegar et al.			
	P354	6152987	2000/11/28	Ma et al.			
	P355	6172124	2001/01/09	Wolfflick et al.			
	P356	6173775	2001/01/16	Elias et al.			
	P357	6187465	2001/02/13	Galloway			
	P358	6354373	2001/03/12	Vercaemer et al.			
	P359	6244338	2001/06/12	Mones			
	P360	20010049342	2001/12/06	Passey et al.			
	P361	6328104	2001/12/11	Graue			
	P362	20020018697	2002/02/14	Vinegar et al.			
	P363	20020027001	2002/03/07	Wellington et al.			
	P364	20020029885	2002/03/14	de Rouffignac et al.			
	P365	20020029884	2002/03/14	de Rouffignac et al.			
	P366	20020029882	2002/03/14	de Rouffignac et al.			
	P367	20020029881	2002/03/14	de Rouffignac et al.			
	P368	20020035307	2002/03/21	Vinegar et al.			
	P369	20020034380	2002/03/21	Maher et al.			
	P370	20020033280	2002/03/21	Schoeling et al.			
	P371	20020033257	2002/03/21	Shahin, Jr. et al.			
	P372	20020033256	2002/03/21	Wellington et al.			
	P373	20020033255	2002/03/21	Fowler et al.			
G	P374	20020033254	2002/03/21	Karanikas et al.			

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<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
69	P375	20020033253	2002/03/21	de Rouffignac et al.			
	P376	20020038069	2002/03/28	Wellington et al.			
	P377	20020036103	2002/03/28	de Rouffignac et al.			
	P378	20020036089	2002/03/28	Vinegar et al.			
	P379	20020036084	2002/03/28	Vinegar et al.			
	P380	20020036083	2002/03/28	de Rouffignac et al.			
	P381	20020039486	2002/04/04	de Rouffignac et al.			
	P382	20020038712	2002/04/04	Vinegar et al.			
	P383	20020038711	2002/04/04	de Rouffignac et al.			
	P384	20020038710	2002/04/04	Maher et al.			
	P385	20020038709	2002/04/04	Wellington et al.			
	P386	20020038708	2002/04/04	Wellington et al.			
	P387	20020038706	2002/04/04	Zhang et al.			
	P388	20020038705	2002/04/04	Wellington et al.			
	P389	20020040177	2002/04/04	Maher et al.			
	P390	20020040173	2002/04/04	de Rouffignac et al.			
	P391	20020040781	2002/04/11	Keedy et al.			
	P392	20020040780	2002/04/11	Wellington et al.			
	P393	20020040779	2002/04/11	Wellington et al.			
	P394	20020040778	2002/04/11	Wellington et al.			
P395	20020045553	2002/04/18	Vinegar et al.				
P396	20020043405	2002/04/18	Vinegar et al.				
P397	20020043367	2002/04/18	de Rouffignac et al.				
P398	20020043366	2002/04/18	Wellington et al.				
69	P399	20020043365	2002/04/18	Berchenko et al.			

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<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DOCKET NO: 5659-21500	SERIAL NO: 10/693,818
	APPLICANT: Vinegar et al.	CONFIRMATION NO.: 1103
	FILING DATE: 10/24/2003	ART UNIT: 3672

### U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
GA	P400	20020049360	2002/04/25	Wellington et al.			
	P401	20020049358	2002/04/25	Vinegar et al.			
	P402	20020046883	2002/04/25	Wellington et al.			
	P403	20020046839	2002/04/25	Vinegar et al.			
	P404	20020046838	2002/04/25	Karanikas et al.			
	P405	20020046837	2002/04/25	Wellington et al.			
	P406	20020046832	2002/04/25	Zhang et al.			
	P407	20020052297	2002/05/02	de Rouffignac et al.			
	P408	20020050357	2002/05/02	Wellington et al.			
	P409	20020050356	2002/05/02	Vinegar et al.			
	P410	20020050353	2002/05/02	Berchencko et al.			
	P411	20020050352	2002/05/02	Wellington et al.			
	P412	20020053436	2002/05/09	Vinegar et al.			
	P413	20020053435	2002/05/09	Vinegar et al.			
	P414	20020053432	2002/05/09	Berchenko et al.			
	P415	20020053431	2002/05/09	Wellington et al.			
	P416	20020053429	2002/05/09	Stegemeier et al.			
	P417	20020057905	2002/05/16	Wellington et al.			
	P418	20020056552	2002/05/16	Wellington et al.			
	P419	20020056551	2002/05/16	Wellington et al.			
	P420	6389814	2002/05/21	Viteri et al.			
	P421	20020062052	2002/05/23	de Rouffignac et al.			
	P422	20020062051	2002/05/23	Wellington et al.			
	P423	20020062961	2002/05/30	Vinegar et al.			
GA	P424	20020062959	2002/05/30	Wellington et al.			

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<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>CS</i>	P425	20020066565	2002/06/06	de Rouffignac et al.			
<i> </i>	P426	20020077515	2002/06/20	Wellington et al.			
<i> </i>	P427	20020076212	2002/06/20	Zhang et al.			
<i> </i>	P428	20020074117	2002/06/20	Shahin, Jr. et al.			
<i> </i>	P429	6412559	2002/07/02	Gunter et al.			
<i> </i>	P430	20020084074	2002/07/04	de Rouffignac et al.			
<i> </i>	P431	20020096320	2002/07/25	Wellington et al.			
<i> </i>	P432	20020104654	2002/08/08	Vinegar et al.			
<i> </i>	P433	20020108753	2002/08/15	Vinegar et al.			
<i> </i>	P434	20020117303	2002/08/29	Vinegar et al.			
<i> </i>	P435	20020132862	2002/09/19	Vinegar et al.			
<i> </i>	P436	20020170708	2002/11/21	Vinegar et al.			
<i> </i>	P437	6485232	2002/11/26	Vinegar et al.			
<i> </i>	P438	20020191969	2002/12/19	Wellington et al.			
<i> </i>	P439	20020191968	2002/12/19	Vinegar et al.			
<i> </i>	P440	20030006039	2003/01/09	Zhang et al.			
<i> </i>	P441	20030019626	2003/01/30	Vinegar et al.			
<i> </i>	P442	20030024699	2003/02/06	Vinegar et al.			
<i> </i>	P443	345586	1900/01/00	Hall			
<i> </i>	P444	2801089	1957/07/30	Scott Jr.			
<i> </i>	P445	2819761	1958/01/14	Popham et al.			
<i> </i>	P446	2825408	1958/03/04	Watson			
<i> </i>	P447	2857002	1958/10/21	Pevere et al.			
<i> </i>	P448	3113620	1963/12/10	Hemminger			
<i>CS</i>	P449	3137347	1964/06/16	Parker			

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<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
GS	P450	3246695	1966/04/19	Robinson			
	P451	3342267	1967/09/19	Cotter et al.			
	P452	3389975	1968/06/25	Van Nostrand			
	P453	3617471	1971/11/02	Schlenger et al.			
	P454	4140181	1979/02/20	Ridley et al.			
	P455	4410042	1983/10/18	Shu			
	P456	4428700	1984/01/31	Lenneman			
	P457	4499209	1985/02/12	Hoek et al.			
	P458	4518548	1985/05/21	Yarbrough			
	P459	4597444	1986/07/01	Hutchinson			
	P460	4756367	1988/06/12	Puri et al.			
	P461	4893504	1990/01/16	O'Meara, Jr. et al.			
	P462	4913065	1990/05/03	Hemsath			
	P463	4988389	1991/01/29	Adamache et al.			
	P464	5054551	1991/10/08	Duerksen			
	P465	5145003	1992/09/08	Duerksen			
	P466	5340467	1994/08/23	Gregoli et al.			
	P467	5435666	1995/07/25	Hassett et al.			
	P468	5566755	1996/10/22	Seidle et al.			
	P469	5571403	1996/11/05	Scott et al.			
	P470	5652389	1997/07/29	Schaps et al.			
	P471	5760307	1998/06/02	Latimer et al.			
	P472	5777229	1998/07/07	Geier et al.			
	P473	5826655	1998/10/27	Snow et al.			
GS	P474	5935421	1999/08/10	Brons et al.			

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<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)			ATTY. DOCKET NO: 5659-21500  APPLICANT: Vinegar et al.  FILING DATE: 10/24/2003		SERIAL NO: 10/693,818  CONFIRMATION NO.: 1103  ART UNIT: 3672/6		
<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
69	P475	6155117	2000/12/05	Stevens et al.			
	P476	6173775	2001/01/16	Elias et al.			
	P477	2390770	1945/12/11	Barton et al.			
	P478	4148359	1979/04/10	Laumbach et al.			
	P479	4193451	1980/03/18	Dauphine			
	P480	4265307	1981/05/05	Elkins			
	P481	4390067	1983/06/28	Wilman			
	P482	4456065	1984/06/26	Heim et al.			
	P483	4457374	1984/07/03	Hoekstra et al.			
	P484	4479541	1984/10/30	Wang			
	P485	4498535	1985/02/12	Bridges			
	P486	4598770	1986/07/08	Shu et al.			
	P487	4669542	1987/06/02	Venkatesan			
	P488	4682652	1987/07/28	Huang et al.			
	P489	4982786	1991/01/08	Jennings, Jr.			
	P490	5201219	1993/04/13	Bandurski et al.			
	P491	5339904	1994/08/23	Jennings, Jr.			
	P492	3221811	1965/12/07	Prats			
	P493	3987851	1976/10/26	Tham			
	P494	4042026	1977/08/16	Pusch et al.			
	P495	4005752	1977/02/01	Cha			
	P496	5868202	1999/02/09	Hsu			
	P497	20030051872	2003/03/20	de Rouffignac			
	P498	4458767	1984/07/10	Hoehn, Jr.			
69	P499	4474238	1984/10/02	Gentry et al.			

EXAMINER: George Suchfield DATE CONSIDERED: 8/29/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DOCKET NO: 5659-21500	SERIAL NO: 10/693,818
	APPLICANT: Vinegar et al.	CONFIRMATION NO.: 1103
	FILING DATE: 10/24/2003	ART UNIT: 3672

### U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
69	P500	5589775	1996/12/31	Kuckes			
	P501	5923170	1999/07/13	Kuckes			
	P502	6035701	2000/03/14	Lowry et al.			
	P503	6192748	2001/02/27	Miller			
	P505	3349845	1967/10/31	Holbert et al.			
	P506	4323848	1982/04/06	Kuckes			
	P507	4372398	1983/02/08	Kuckes			
	P508	4443762	1984/04/17	Kuckes			
	P509	4502010	1985/02/15	Kuckes			
	P510	4529939	1985/07/16	Kuckes			
	P511	4700142	1987/10/13	Kuckes			
	P512	4791373	1988/12/13	Kuckes			
	P513	4845434	1989/07/04	Kuckes			
	P514	4933640	1990/06/12	Kuckes			
	P515	5074365	1991/12/24	Kuckes			
	P516	5218301	1993/06/08	Kuckes			
	P517	5258755	1993/11/02	Kuckes			
	P518	5305212	1994/04/19	Kuckes			
	P519	5343152	1994/08/30	Kuckes			
	P520	5512830	1996/04/30	Kuckes			
	P521	5513710	1996/05/07	Kuckes			
	P522	5515931	1996/05/14	Kuckes			
	P523	5657826	1997/08/19	Kuckes			
	P524	5676212	1997/10/14	Kuckes			
69	P525	5725059	1998/03/10	Kuckes			

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Information Disclosure Statement--PTO 1449 (modified)

<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)			ATTY. DOCKET NO: 5659-21500  APPLICANT: Vinegar et al.  FILING DATE: 10/24/2003		SERIAL NO: 10/693,818  CONFIRMATION NO.: 1103  ART UNIT: 3672		
<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CS	P526	RE36569	2000/02/15	Kuckes			
	P527	6234259	2001/05/22	Kuckes			
	P528	6466020	2002/10/15	Kuckes			
	P529	20030075318	2003/04/24	Keedy et al.			
	P530	20030070807	2003/04/17	Wellington et al.			
	P531	20030066644	2003/04/10	Karanikas et al.			
	P532	20030066642	2003/04/10	Wellington et al.			
	P533	20030062164	2003/04/03	Wellington et al.			
	P534	20030062154	2003/04/03	Vinegar et al.			
	P535	20030080604	2003/05/01	Vinegar et al.			
	P536	20030079877	2003/05/01	Wellington et al.			
	P538	5126037	1992/06/30	Showalter			
	P539	3477058	1968/11/04	Vedder et al.			
	P540	3580987	1971/05/25	Priaroggia			
	P541	20030085034	2003/05/08	Wellington et al.			
	P542	3892270	1975/07/01	Lindquist			
	P543	3285335	1966/11/15	Reistle, Jr.			
	P544	4384614	1983/05/24	Justheim			
	P545	4640353	1987/02/03	Schuh			
	P546	4401163	1983/08/30	Elkins			
	P547	4437519	1984/03/20	Cha et al.			
	P548	4552214	1985/11/12	Forgac et al.			
	P549	4706751	1987/11/17	Gondouin			
	P550	4912971	1990/04/03	Jeambey			
CS	P551	5097903	1992/03/24	Wilensky			

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<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)			ATTY. DOCKET NO: 5659-21500  APPLICANT: Vinegar et al.  FILING DATE: 10/24/2003		SERIAL NO: 10/693,818  CONFIRMATION NO.: 1103  ART UNIT: 3672		
<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
69	P552	4926941	1990/05/22	Glandt et al.			
	P553	1646599	1927/10/25	Schaefer			
	P554	4010800	1977/03/08	Terry			
	P555	3952802	1976/04/27	Terry			
	P556	3986556	1976/10/19	Haynes			
	P557	4031956	1977/06/28	Terry			
	P558	4140180	1979/02/20	Bridges et al.			
	P559	4412585	1983/11/01	Bouck			
	P560	4501326	1985/02/26	Edmunds			
	P561	4524827	1985/06/25	Bridges et al.			
	P562	4585066	1986/04/29	Moore et al.			
	P563	4776638	1988/10/11	Hahn			
	P564	4856587	1989/08/15	Nielson			
	P565	5517593	1996/05/14	Nenniger et al.			
	P566	5099918	1992/03/31	Bridges et al.			
	P567	5751895	1998/05/12	Bridges			
	P568	6015015	2000/01/18	Luft et al.			
	P569	6112808	2000/09/05	Isted			
	P570	3026940	1962/03/27	Spitz			
	P571	3947683	1976/03/30	Schultz et al.			
	P572	20030098149	2003/05/29	Wellington et al.			
	P573	20030100451	2003/05/29	Messier et al.			
	P574	20030098605	2003/05/29	Vinegar et al.			
v	P575	20030102125	2003/06/05	Wellington et al.			
69	P576	20030102124	2003/06/05	Vinegar et al.			

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Information Disclosure Statement--PTO 1449 (modified)

<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)			ATTY. DOCKET NO: 5659-21500  APPLICANT: Vinegar et al.  FILING DATE: 10/24/2003		SERIAL NO: 10/693,818  CONFIRMATION NO.: 1103  ART UNIT: 3672-6		
<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CS	P577	20030102130	2003/06/05	Vinegar et al.			
	P578	20030102126	2003/06/05	Sumnu-Dindoruk et al.			
	P579	20030111223	2003/06/19	de Rouffignac et al.			
	P580	20030116315	2003/06/26	Wellington et al.			
	P581	6581684	2003/06/24	Wellington et al.			
	P582	6588503	2003/07/08	Karanikas et al.			
	P583	6588504	2003/07/08	Wellington et al.			
	P584	20030164234	2003/09/04	de Rouffignac et al.			
	P585	20030164238	2003/09/04	Vinegar et al.			
	P586	20030164239	2003/09/04	Wellington et al.			
	P587	3165154	1965/01/12	Santourian			
	P588	4458757	1984/07/10	Bock et al.			
	P589	20030131995	2003/07/17	de Rouffignac et al.			
	P590	20030131993	2003/07/17	Zhang et al.			
	P591	20030131996	2003/07/17	Vinegar et al.			
	P592	20030131994	2003/07/17	Vinegar et al.			
	P593	20030141068	2003/07/31	de Rouffignac et al.			
	P594	20030141067	2003/07/31	de Rouffignac et al.			
	P595	20030141066	2003/07/31	Karanikas et al.			
	P596	20030142964	2003/07/31	Wellington et al.			
	P597	20030148894	2003/08/07	Vinegar et al.			
	P598	20030146002	2003/08/07	Vinegar et al.			
	P599	6591907	2003/07/15	Zhang et al.			
CS	P600	6591906	2003/07/15	Wellington et al.			

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**Form PTO-1449** (modified)  
List of Patents and Publications  
For Applicant's Information  
Disclosure Statement  
(Use several sheets if necessary)

ATTY. DOCKET NO: 5659-21500

APPLICANT: Vinegar et al.

FILING DATE: 10/24/2003

SERIAL NO: 10/693,818

CONFIRMATION NO.: 1103

ART UNIT: 3672

**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
09	P601	4931171	1990/06/05	Piotter			
	P602	4737267	1988/04/12	Pao et al.			
	P603	4384948	1983/05/24	Barger			
	P604	3593790	1971/07/20	Herce			
	P605	3497000	1970/02/24	Hujsak et al.			
	P606	3244231	1966/04/05	Greckel et al.			
	P607	3223166	1965/12/14	Hunt et al.			
	P608	3947656	1976/03/30	Lodi			
	P609	6609570	2003/08/26	Wellington et al.			
	P610	6607033	2003/08/19	Wellington et al.			
	P611	2803305	1957/08/20	Behning et al.			
	P612	3050123	1962/08/21	Scott			
	P613	3853185	1974/12/10	Dahl et al.			
	P614	3881551	1975/05/06	Terry et al.			
	P615	3941421	1976/03/02	Burton, III et al.			
	P616	4158467	1979/06/19	Larson et al.			
	P617	4184548	1980/01/22	Ginsburgh et al.			
	P618	4185692	1980/01/29	Terry			
	P619	4282587	1981/08/04	Silverman			
	P620	4380930	1983/04/26	Podhrasky et al.			
	P621	4390973	1983/06/28	Rietsch			
	P622	4425967	1984/01/17	Hoekstra, deceased			
	P623	4491179	1985/01/01	Pirson et al.			
	P624	4455215	1984/06/19	Jarrott et al.			
09	P625	4452491	1984/06/05	Seglin et al.			

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Information Disclosure Statement--PTO 1449 (modified)

<b>Form PTO-1449 (modified)</b> List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)			ATTY. DOCKET NO: 5659-21500  APPLICANT: Vinegar et al.  FILING DATE: 10/24/2003		SERIAL NO: 10/693,818  CONFIRMATION NO.: 1103  ART UNIT: 3672		
<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
G9	P626	4577503	1986/03/25	Imaino et al.			
	P627	4577690	1986/03/25	Medlin			
	P628	4598392	1986/07/01	Pann			
	P629	4744245	1988/05/17	White			
	P630	4848460	1989/07/18	Johnson, Jr. et al.			
	P631	5305239	1994/04/19	Kinra			
	P632	5011329	1991/04/30	Nelson et al.			
	P633	5360067	1994/11/01	Meo, III			
	P634	5545803	1996/08/13	Heath et al.			
	P635	5769569	1998/06/23	Hosseini			
	P636	6026914	2000/02/22	Adams et al.			
	P637	3513913	1970/05/26	Bruist			
	P638	20030173081	2003/09/18	Vinegar et al.			
	P639	20030173078	2003/09/18	Wellington et al.			
	P640	20030173080	2003/09/18	Berchenko et al.			
	P641	2375689	1945/05/08	Reeder			
	P642	3874733	1975/04/01	Poundstone et al.			
	P643	20030155111	2003/08/21	Vinegar et al.			
	P644	20030178191	2003/09/25	Maher et al.			
	P645	20030183390	2003/10/02	Veenstra et al.			
	P646	20030192691	2003/10/16	Vinegar et al.			
	P647	20030196793	2003/10/16	Wellington et al.			
	P648	20030196789	2003/10/23	Wellington et al.			
	P649	20030196801	2003/10/23	Vinegar et al.			
G9	P650	20030196788	2003/10/23	Vinegar et al.			

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<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
G7	P651	20030196810	2003/10/23	Vinegar et al.			
	P652	20030201098	2003/10/23	Karanikas et al.			
	P653	RE27309	1972/03/14	Scott et al.			
	P654	3622071	1971/11/23	Coggins et al.			
	P655	3870063	1975/03/11	Hayward			
	P656	4702758	1987/10/27	Geer			
	P657	4728412	1988/03/01	Soderberg			
	P658	4778586	1988/10/18	Bain et al.			
	P659	5109928	1992/05/05	McCants			
	P660	6357526	2002/03/19	Abdel-Halim et al.			
	P661	4429745	1984/02/07	Cook			
	P662	2244255	1941/06/03	Looman			
	P663	4048637	1977/09/13	Jacomini			
	P664	20030209348	2003/11/13	Ward et al.			
	P665	20030205378	2003/11/06	Wellington et al.			
	P666	4006778	1977/02/08	Redford et al.			
	P667	3994340	1976/11/30	Anderson et al.			
	P668	3994341	1976/11/30	Anderson et al.			
	P669	4460044	1984/07/17	Porter			
	P670	4696345	1987/09/29	Hsueh			
	P671	2584605	1952/02/05	Meriam et al.			
	P672	2969226	1961/01/24	Huntington			
	P673	5828797	1998/10/27	Minott et al.			
	P674	6588266	2003/07/08	Tubel et al.			
G7	P675	6388947	2002/05/14	Washbourne et al.			

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U.S. PATENT DOCUMENTS							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
G7	P676	6269310	2001/07/31	Washbourne			
	P677	6196350	2001/03/06	Minto			
	P678	6193010	2001/02/27	Minto			
	P679	5999489	1999/12/07	Lazaratos			
	P680	5926437	1999/07/20	Ortiz			
	P681	5209987	1993/05/11	Penneck et al.			
	P682	4985313	1991/01/15	Penneck et al.			
	P683	3316344	1967/04/25	Kidd et al.			
	P684	4623401	1986/11/18	Derbyshire et al.			
	P685	4645906	1987/02/24	Yagnik et al.			
	P686	4256945	1981/03/17	Carter et al.			
	P687	4695713	1987/09/22	Krumme			
	P688	4701587	1987/10/20	Carter et al.			
	P689	4717814	1988/01/05	Krumme			
	P690	4752673	1988/06/21	Krumme			
	P691	4814587	1989/03/21	Carter			
	P692	5073625	1991/12/17	Derbyshire			
	P693	4794226	1988/12/27	Derbyshire			
	P694	5182427	1993/01/26	McGaffigan			
	P695	5911898	1999/06/15	Jacobs et al.			
	P696	3410977	1968/11/12	Ando			
	P697	4417782	1983/11/29	Clarke et al.			
	P698	4698583	1987/10/06	Sandberg			
	P699	4733057	1988/03/22	Stanzel et al.			
G7	P700	4785163	1988/11/15	Sandberg			

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# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	<b>STAGED AND/OR PATTERNED HEATING DURING IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION</b>																																																																																																																																								
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%;"> <p>Application Number : 10/693818</p> <p>Confirmation Number: 1103</p> <p>First Named Applicant: Harold Vinegar</p> <p>Attorney Docket Number: 5659-21500</p> <p>Art Unit: 3672</p> <p>Examiner: George A. Suchfield</p> <p>Search string: ( 6871707 or 6877555 or 6877554 or 6880635 or 6880633 or 6782947 or 6761216 or 5400430 or 4014575 or 4162707 or 4634187 or 4815791 or 4849360 or 6109358 or 6854534 or 4823890 or 20040146288 or 20050051327 or 20040144540 or 20040140096 or 20040177966 or 20040144541 or 20040145969 or 20050006097 or 20030173072 or 20030173085 or 20030136559 or 20040211557 or 20030137181 or 20040211554 or 20030130136 or 20030173088 ).pn</p> </div> <div style="width: 50%; text-align: center;">  </div> </div>																																																																																																																																									
<p><b>US Patent Documents</b></p> <p><b>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>init</th> <th>Cite.No.</th> <th>Patent No.</th> <th>Date</th> <th>Patentee</th> <th>Kind</th> <th>Class</th> <th>Subclass</th> </tr> </thead> <tbody> <tr><td>69</td><td>1</td><td>6871707</td><td>2005-03-29</td><td>Karanikas et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>2</td><td>6877555</td><td>2005-04-12</td><td>Karanikas et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>3</td><td>6877554</td><td>2005-04-12</td><td>Stegimeier et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>4</td><td>6880635</td><td>2005-04-19</td><td>Vinegar et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>5</td><td>6880633</td><td>2005-04-19</td><td>Wellington et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>6</td><td>6782947</td><td>2004-08-31</td><td>de Rouffignac et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>7</td><td>6761216</td><td>2004-07-13</td><td>Vinegar et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>8</td><td>5400430</td><td>1995-03-21</td><td>Nenniger</td><td></td><td></td><td></td></tr> <tr><td></td><td>9</td><td>4014575</td><td>1977-03-29</td><td>French et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>10</td><td>4162707</td><td>1979-07-31</td><td>Yan</td><td></td><td></td><td></td></tr> <tr><td></td><td>11</td><td>4634187</td><td>1987-01-06</td><td>Huff et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>12</td><td>4815791</td><td>1989-03-28</td><td>Schmidt et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>13</td><td>4849360</td><td>1989-07-18</td><td>Norris et al.</td><td></td><td></td><td></td></tr> <tr><td></td><td>14</td><td>6109358</td><td>2000-08-29</td><td>McPhee et al.</td><td></td><td></td><td></td></tr> <tr><td>V</td><td>15</td><td>6854534</td><td>2005-02-15</td><td>Livingstone</td><td></td><td></td><td></td></tr> <tr><td>69</td><td>16</td><td>4823890</td><td>1989-04-24</td><td>Lang</td><td></td><td></td><td></td></tr> </tbody> </table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	69	1	6871707	2005-03-29	Karanikas et al.					2	6877555	2005-04-12	Karanikas et al.					3	6877554	2005-04-12	Stegimeier et al.					4	6880635	2005-04-19	Vinegar et al.					5	6880633	2005-04-19	Wellington et al.					6	6782947	2004-08-31	de Rouffignac et al.					7	6761216	2004-07-13	Vinegar et al.					8	5400430	1995-03-21	Nenniger					9	4014575	1977-03-29	French et al.					10	4162707	1979-07-31	Yan					11	4634187	1987-01-06	Huff et al.					12	4815791	1989-03-28	Schmidt et al.					13	4849360	1989-07-18	Norris et al.					14	6109358	2000-08-29	McPhee et al.				V	15	6854534	2005-02-15	Livingstone				69	16	4823890	1989-04-24	Lang			
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init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
69	1	20040146288	2004-07-29	Vinegar et al.			
	2	20050051327	2005-03-10	Vinegar et al.			
	3	20040144540	2004-07-29	Sandberg et al.			
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	5	20040177966	2004-09-16	Vinegar et al.			
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	7	20040145969	2004-07-29	Bai et al.			
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	9	20030173072	2003-09-18	Vinegar et al.			
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	14	20040211554	2004-10-28	Vinegar et al.			
	15	20030130136	2003-07-10	de Rouffignac et al.			
69	16	20030173088	2003-09-18	Livingstone			

### Signature

Examiner Name	Date
George Suchfield	8/29/05

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

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Art Unit: 3672

Examiner: George A. Suchfield

Search string: ( 3986557 or 6422318 or 2743906 or 2970826 or 3529682 or 3907045 or 4440224  
or 4442896 or 4445574 or 5984582 or 6102137 or 5400430 or 6866097 or  
20020112890 or 20040035582 ).pn

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
09	1	3986557	1976-10-19	Striegler et al.			
	2	6422318	2002-07-23	Rider			
	3	2743906	1956-05-01	Coyle			
	4	2970826	1961-02-07	Woodruff			
	5	3529682	1970-09-22	Coyne et al.			
	6	3907045	1975-09-23	Dahl et al.			
	7	4440224	1984-04-03	Krein et al.			
	8	4442896	1984-04-17	Reale et al.			
	9	4445574	1984-05-01	Vann			
	10	5984582	1999-11-16	Schwert			
	11	6102137	2000-08-05	Ward et al.			
	12	5400430	1995-03-21	Nenniger			
09	13	6866097	2005-03-15	Vinegar et al.			

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init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
09	1	20020112890	2002-08-22	Wentworth et al.			



GS	2	20040035582	2004-02-25	Zupanick			
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**Signature**

Examiner Name	Date
George Suchfield	8/29/05

<b>DISCLOSURE STATEMENT</b> For Applicant's Information Disclosure Statement (Use several sheets if necessary)			APPLICANT: Vinegar et al. FILING DATE: 10/24/2003			CONFIRMATION NO.: 1103 ART UNIT: 3672 <i>6</i>	
<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>GS</i>	el41	4260192	4/7/1981	Shafer			
	el42	4065183	12/27/1977	Hill et al.			
	el43	3779602	12/18/1973	Beard et al.			
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<i>GS</i>	el47	20030029617	2/13/2003	Brown et al.			
<b>Other Art</b>							
EXAM INITIALS	REF. DES.	ARTICLE					
<i>GS</i>	SR49	PCT "International Search Report" for International Application No. PCT/US 02/34264 mailed on December 2, 2004; 6 pages.					

EXAMINER: George Suchfield DATE CONSIDERED: 8/24/05

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**Signature**

Examiner Name	Date
George Suchfield	8/29/05

<b>Form PTO-1449 (modified)</b> List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)		ATTY. DKT. NO. 5659-21500	SERIAL NO.: 10/693,818
		INVENTORS: Vinegar et al.	CONFIRMATION NO.: 1103
		FILING DATE: 10/24/2003	GROUP: 3672
		<b>FOREIGN PATENT DOCUMENTS</b>	

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	E11	Kirk et al., Coal, Encyclopedia of Chemical Technology, Wiley, New York, 4th edition, 1991, Vol. 6, pp. 423-488.
	E12	Cortez et al., UK Patent Application GB 2,068,014 A, Date of Publication: August 5, 1981.
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George Suchfield

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	G9	Hyne, N. J., Geology for Petroleum Exploration, Drilling, and Production. McGraw-Hill Book Company, 1984, p. 264.
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	FO1	"Temperature Monitoring Using Fiber-Optic Sensors", <a href="http://www.steamtech.com/fiberoptics.html">www.steamtech.com/fiberoptics.html</a> , August 4, 2003, 6 pages.
	FO2	"Fiber Optic Permanent Reservoir Monitoring Systems: Bringing a Continuous Stream of Reservoir Information to the Surface", <a href="http://www.SensorTran.com/DTS%20whitepaper1.pdf">www.SensorTran.com/DTS%20whitepaper1.pdf</a> , downloaded August 4, 2003, 13 pages.
	FO3	"Catalytic Glow Plugs and Ignitors", <a href="http://www.holdfastmac.com.au/howglowplug.html">www.holdfastmac.com.au/howglowplug.html</a> , August 4, 2003, 6 pages.
	FO4	Hurtig et al., "Distributed Fiber Optics for Temperature Sensing in Building and other Structures," Proceedings of the 24 <sup>th</sup> Annual Conference of the IEEE Industrial Electronics Society, August 4, 1998, pp. 1829-1834.
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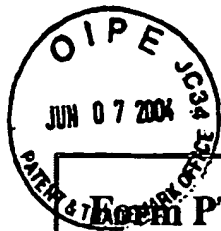
EXAMINER:

*George Suchfield*

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*8/29/05*

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	FILING DATE: 10/24/2003	ART UNIT: 3672 <sup>6</sup>

**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
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	P721	6729395	5/4/2004	Shahin et al.			
	P722	6712136	3/30/2004	de Rouffignac et al.			
	P723	6702016	3/9/2004	de Rouffignac et al.			
	P724	6715546	4/6/2004	Vinegar et al.			
	P725	6732796	5/11/2004	Vinegar et al.			
	P726	6715547	4/6/2004	Vinegar et al.			
	P727	6736215	5/18/2004	Maher et al.			
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	P732	6712137	3/30/2004	Vinegar et al.			
	P733	6725928	4/27/2004	Vinegar et al.			
	P734	6729396	5/4/2004	Vinegar et al.			
	P736	6712135	3/30/2004	Wellington et al.			
	P739	6722430	4/20/2004	Vinegar et al.			
	P740	6708758	3/23/2004	de Rouffignac et al.			
	P741	6739393	5/25/2004	Vinegar et al.			
	P742	6729397	5/4/2004	Zhang et al.			
69	P743	6739394	5/25/2004	Vinegar et al.			

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Information Disclosure Statement--PTO 1449 (modified)

6/07/04

List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)			APPLICANT: Vinegar et al.  FILING DATE: 10/24/2003		CONFIRMATION NO.: 1103  ART UNIT: 3672		
<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
69	P747	6725921	4/27/2004	de Rouffignac et al.			
	P748	6698515	3/2/2004	Karanikas et al.			
	P749	6742593	6/1/2004	Vinegar et al.			
	P750	6742589	6/1/2004	Berchenko et al.			
	P751	6742588	6/1/2004	Wellington et al.			
	P752	6742587	6/1/2004	Vinegar et al.			
	P720	6722429	4/20/2004	de Rouffignac et al.			
	P721	6729395	5/4/2004	Shahin et al.			
	P722	6712136	3/30/2004	de Rouffignac et al.			
	P723	6702016	3/9/2004	de Rouffignac et al.			
	P724	6715546	4/6/2004	Vinegar et al.			
	P725	6732796	5/11/2004	Vinegar et al.			
	P726	6715547	4/6/2004	Vinegar et al.			
	P727	6736215	5/18/2004	Maher et al.			
	P728	6729401	5/4/2004	Vinegar et al.			
	P729	6722431	4/20/2004	Karanikas et al.			
	P732	6712137	3/30/2004	Vinegar et al.			
	P733	6725928	4/27/2004	Vinegar et al.			
69	P734	6729396	5/4/2004	Vinegar et al.			

EXAMINER: George Suchfield DATE CONSIDERED: 8/29/05

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Information Disclosure Statement--PTO 1449 (modified)



**Form PTO-1449** (modified)List of Patents and Publications  
For Applicant's Information  
Disclosure Statement  
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ATTY. DOCKET NO: 5659-21500

APPLICANT: Vinegar et al.

FILING DATE: 10/24/2003

SERIAL NO: 10/693,818

CONFIRMATION NO.: 1103

ART UNIT: 36726

**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
69	P736	6712135	3/30/2004	Wellington et al.			
	P739	6722430	4/20/2004	Vinegar et al.			
	P740	6708758	3/23/2004	de Rouffignac et al.			
	P741	6739393	5/25/2004	Vinegar et al.			
	P742	6729397	5/4/2004	Zhang et al.			
	P743	6739394	5/25/2004	Vinegar et al.			
	P747	6725921	4/27/2004	de Rouffignac et al.			
	P748	6698515	3/2/2004	Karanikas et al.			
	P749	6742593	6/1/2004	Vinegar et al.			
	P750	6742589	6/1/2004	Berchenko et al.			
	P751	6742588	6/1/2004	Wellington et al.			
69	P752	6742587	6/1/2004	Vinegar et al.			

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Information Disclosure Statement--PTO 1449 (modified)



<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DKT. NO.: 5659-21500 APPLICANT: Vinegar et al. FILING DATE: Oct. 24, 2003	SERIAL NO.: 10/693,818 CONFIRM. NO.: 1103 ART UNIT: 3672 <sup>6</sup>
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### U.S. PATENT DOCUMENTS

EXAM. INITS.	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
09	P711	6688387	2/10/2004	Wellington et al.			
	P712	6732795	5/11/2004	deRouffignac et al.			
	P713	6715548	4/06/2004	Wellington et al.			
	P715	6719047	4/13/2004	Fowler et al.			
	P716	6732794	5/11/2004	Wellington et al.			
	P718	6715549	4/06/2004	Wellington et al.			
	P719	6725920	4/27/2004	Zhang et al.			
	P753	6758268	7/6/2004	Vinegar et al.			
	P754	6752210	6/22/2004	de Rouffignac et al.			
	P755	6749021	6/15/2004	Vinegar et al.			
	P756	6745832	6/8/2004	Wellington et al.			
	P757	6745837	6/8/2004	Wellington et al.			
	P758	6745831	6/8/2004	de Rouffignac et al.			
	P759	20040069486	4/15/2004	Vinegar et al.			
	P760	20040015023	1/22/04	Wellington et al.			
	P761	20030213594	11/20/2003	Wellington et al.			
	P762	20040040715	3/4/2004	Wellington et al.			
	P763	20040020642	2/5/2004	Vinegar et al.			
	P765	3004596	10/17/1961	Parker et al.			
	P766	3342258	9/19/1967	Prats			
	P767	3455383	7/15/1969	Prats et al.			
	P768	3501201	3/17/1970	Closmann et al.			
	P769	3502372	3/24/1970	Prats			
09	P770	3759574	9/18/1973	Beard			

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Information Disclosure Statement--PTO 1449 (modified)

OCT 29 2004

PATENT &amp; TRADEMARK OFFICE

**Form PTO-1449**

(modified)

List of Patents and Publications  
For Applicant's Information  
Disclosure Statement  
(Use several sheets if necessary)

ATTY. DKT. NO.: 5659-21500

SERIAL NO.: 10/693,818

APPLICANT: Vinegar et al.

CONFIRM. NO.: 1103

FILING DATE: Oct. 24, 2003

ART UNIT: 36726

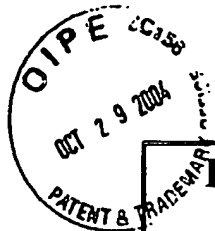
**U.S. PATENT DOCUMENTS**

EXAM. INITS.	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
67	P771	4160479	7/10/1979	Richardson et al.			
	P772	4375302	3/1/1983	Kalmar			
	P773	4483398	11/20/1984	Peters et al.			
	P774	4815790	3/28/1989	Rosar et al.			
	P775	3004601	10/17/1961	Bodine			
	P776	3016053	1/9/1962	Medovick			
	P777	3048221	8/7/1962	Tek			
	P778	3205942	9/14/1965	Sandberg			
	P779	3302707	2/7/1967	Slusser			
	P780	4125159	11/14/1978	Vann			
	P781	4305463	12/15/1981	Zakiewicz			
	P782	4399866	8/23/1983	Dearth			
	P783	5295763	3/22/1994	Stenborg et al.			
	P784	6763886	7/20/2004	Schoeling et al.			
	P785	6769485	8/3/2004	Vinegar et al.			
	P786	6769483	8/3/2004	de Rouffignac et al.			
	P787	3032102	5/1/1962	Parker			
	P788	3079085	2/26/1963	Clark, Jr. et al.			
	P789	3454365	7/8/1969	Lumpkin et al.			
	P790	4260018	4/7/1981	Shum et al.			
	P791	4683947	8/4/1987	Fernbacher et al.			
	P792	5055180	10/8/1991	Klaila			
	P793	5626191	5/6/1997	Greaves et al.			
67	P794	6353706	3/5/2002	Bridges			

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Information Disclosure Statement--PTO 1449 (modified)

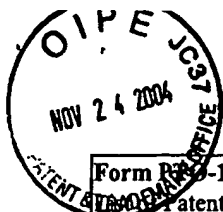


<b>Form PTO-1449</b> (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)			ATTY. DKT. NO.: 5659-21500		SERIAL NO.: 10/693,818		
			APPLICANT: Vinegar et al.		CONFIRM. NO.: 1103		
			FILING DATE: Oct. 24, 2003		ART UNIT: 36726		
<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INITS.	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
GS	P795	6467543	10/22/2002	Taiwani et al.			
	P796	6499536	12/31/2002	Ellingsen			
	P797	4734115	3/29/1988	Howard et al.			
	P798	3170842	2/23/1965	Kehler			
	P799	3618663	11/9/1971	Needham			
	P800	4018280	4/19/1977	Daviduk et al.			
	P801	4698149	10/6/1987	Mitchell			
	P802	3948755	4/6/1976	McCollum et al.			
	P803	4605489	8/12/1986	Madgavkar			
	P804	4623444	11/18/1986	Che et al.			
	P805	4885080	12/5/1989	Brown et al.			
	P806	5059303	10/22/1991	Taylor et al.			
	P807	6110358	8/29/2000	Aldous et al.			
	P809	20020004533	1/10/2002	Wallace et al.			
	P810	20020112987	8/22/2002	Hou et al.			
	P811	6789625	9/14/2004	de Rouffignac et al.			
GS	P812	3017168	1/16/1962	Carr			
<b>OTHER ART</b>							
GS	DD01	Shreve, B. Norris, Chemical Process Industries, McGraw Hill Book Company, 1956, 3 <sup>rd</sup> Ed., pp. 312-316.					

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Information Disclosure Statement--PTO 1449 (modified)



Form PTO 1449 (modified) For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DKT. NO.: 5659-21500  APPLICANT: Vinegar et al.  FILING DATE: October 24, 2003	SERIAL NO.: 10/693,818  ART UNIT: 3672 <sup>6</sup>  CONFIRM. NO.: 1103
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OTHER ART

GS	SR01	European "International Search Report" for International Application No. PCT/EP 01/04657 mailed on August 21, 2001; 3 pages.
	SR02	European "International Search Report" for International Application No. PCT/EP 01/04658 mailed on August 21, 2001; 2 pages.
	SR03	European "International Search Report" for International Application No. PCT/EP 01/04659 mailed on August 21, 2001; 2 pages.
	SR04	European "International Search Report" for International Application No. PCT/EP 01/04665 mailed on August 21, 2001; 3 pages.
	SR05	European "International Search Report" for International Application No. PCT/EP 01/04670 mailed on August 21, 2001; 2 pages.
	SR06	European "International Search Report" for International Application No. PCT/EP 01/04645 mailed on August 27, 2001; 3 pages.
	SR07	European "International Search Report" for International Application No. PCT/EP 01/04666 mailed December 21, 2001; 7 pages.
	SR08	European "International Search Report" for International Application No. PCT/EP 01/11730 mailed December 21, 2001; 2 pages.
	SR09	European "International Search Report" for International Application No. PCT/EP 01/04644 mailed January 2, 2002; 9 pages.
	SR10	European "International Search Report" for International Application No. PCT/EP 01/11819 mailed March 1, 2002; 2 pages.
	SR11	PCT "International Search Report" for International Application No. PCT/US 02/34209 mailed on February 19, 2003; 7 pages.
	SR12	PCT "International Search Report" for International Application No. PCT/US 02/34212 mailed on February 19, 2003; 8 pages.
	SR13	PCT "International Search Report" for International Application No. PCT/US 02/34265 mailed on February 19, 2003; 8 pages.
	SR14	PCT "International Search Report" for International Application No. PCT/US 02/34536 mailed on February 19, 2003; 7 pages.
	SR15	PCT "International Search Report" for International Application No. PCT/US 02/34385 mailed on February 21, 2003; 6 pages.
	SR16	PCT "International Search Report" for International Application No. PCT/US 02/34207 mailed on February 28, 2003; 7 pages.
	SR17	PCT "International Search Report" for International Application No. PCT/US 02/12941 faxed on April 30, 2003; 6 pages.
	SR18	PCT "International Search Report" for International Application No. PCT/US 02/34198 mailed on May 7, 2003; 4 pages.
	SR19	PCT "International Search Report" for International Application No. PCT/US 02/34201 mailed on May 7, 2003; 7 pages.
	SR20	PCT "International Search Report" for International Application No. PCT/US 02/34203 mailed on May 7, 2003; 7 pages.
	SR21	PCT "International Search Report" for International Application No. PCT/US 02/34210 mailed on May 7, 2003; 7 pages.
GS	SR22	PCT "International Search Report" for International Application No. PCT/US 02/34263 mailed on May 7, 2003; 7 pages.

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Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)		ATTY. DKT. NO.: 5659-21500  APPLICANT: Vinegar et al.  FILING DATE: October 24, 2003	SERIAL NO.: 10/693,818  ART UNIT: 3672 ✓  CONFIRM. NO.: 1103
67	SR23	PCT "International Search Report" for International Application No. PCT/US 02/34266 mailed on May 7, 2003; 12 pages.	
	SR24	PCT "International Search Report" for International Application No. PCT/US 02/34384 mailed on May 7, 2003; 8 pages.	
	SR25	PCT "International Search Report" for International Application No. PCT/US 02/34533 mailed on May 7, 2003; 7 pages.	
	SR26	PCT "International Search Report" for International Application No. PCT/US 02/34266 mailed on May 15, 2003; 12 pages.	
	SR27	PCT "International Search Report" for International Application No. PCT/US 02/34272 mailed on May 15, 2003; 11 pages.	
	SR28	PCT "International Search Report" for International Application No. PCT/US 02/34274 mailed on June 4, 2003; 9 pages.	
	SR29	PCT "International Search Report" for International Application No. PCT/US 02/34198 mailed on August 7, 2003; 9 pages.	
	SR30	PCT "International Search Report" for International Application No. PCT/US 02/13311 mailed on October 14, 2003; 8 pages.	
	SR31	PCT "International Preliminary Examination Report" for International Application No. PCT/US 02/34198 mailed on January 23, 2004; 6 pages.	
	SR32	PCT "International Preliminary Examination Report" for International Application No. PCT/US 02/34201 mailed on January 23, 2004; 5 pages.	
	SR33	PCT "International Preliminary Examination Report" for International Application No. PCT/US 02/34203 mailed on January 23, 2004; 5 pages.	
	SR34	PCT "International Preliminary Examination Report" for International Application No. PCT/US 02/34207 mailed on January 23, 2004; 5 pages.	
	SR35	PCT "International Preliminary Examination Report" for International Application No. PCT/US 02/34209 mailed on January 23, 2004; 5 pages.	
	SR36	PCT "International Preliminary Examination Report" for International Application No. PCT/US 02/34210 mailed on January 23, 2004; 5 pages.	
	SR37	PCT "International Preliminary Examination Report" for International Application No. PCT/US 02/34212 mailed on January 23, 2004; 6 pages.	
	SR38	PCT "International Preliminary Examination Report" for International Application No. PCT/US 02/34263 mailed on January 23, 2004; 5 pages.	
	SR39	PCT "International Preliminary Examination Report" for International Application No. PCT/US 02/34265 mailed on January 23, 2004; 6 pages.	
	SR40	PCT "International Preliminary Examination Report" for International Application No. PCT/US 02/34266 mailed on January 23, 2004; 9 pages.	
	SR41	PCT "International Preliminary Examination Report" for International Application No. PCT/US 02/34272 mailed on January 23, 2004; 9 pages.	
	SR42	PCT "International Preliminary Examination Report" for International Application No. PCT/US 02/34274 mailed on January 23, 2004; 5 pages.	
	SR43	PCT "International Preliminary Examination Report" for International Application No. PCT/US 02/34384 mailed on January 23, 2004; 6 pages.	
	SR44	PCT "International Preliminary Examination Report" for International Application No. PCT/US 02/34533 mailed on January 23, 2004; 5 pages.	
67	SR45	PCT "International Preliminary Examination Report" for International Application No. PCT/US 02/34536 mailed on January 23, 2004; 5 pages.	

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Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)		ATTY. DKT. NO.: 5659-21500  APPLICANT: Vinegar et al.  FILING DATE: October 24, 2003	SERIAL NO.: 10/693,818  ART UNIT: 3672  CONFIRM. NO.: 1103
GS	SR46	PCT "International Search Report" for International Application No. PCT/US 03/34101 mailed on March 2, 2004; 7 pages.	
GS	SR47	PCT "International Search Report" for International Application No. PCT/US 03/33851 mailed on March 29, 2004; 2 pages.	
GS	SR48	PCT "International Search Report" for International Application No. PCT/US 03/33850 mailed on April 28, 2004; 2 pages.	

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Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement		ATTY. DKT. NO.: 5659-21500  APPLICANT: Vinegar et al.  FILING DATE: October 24, 2003	SERIAL NO.: 10/693,818  CONFIRMATION NO.: 1103  GROUP: 36726
OTHER ART			
EXAM. INITIALS	REF. DES.	OTHER ART (including Author, Title, Date, Pertinent Pages, etc.)	
GS	SR50	PCT "International Search Report" for International Application no. PCT/US02/13121 mailed December 2004; 7 pages.	
GS	SR51	PCT "Written Opinion" for International Application no. PCT/US02/13121 mailed February 24, 2005; 6 pages.	

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